
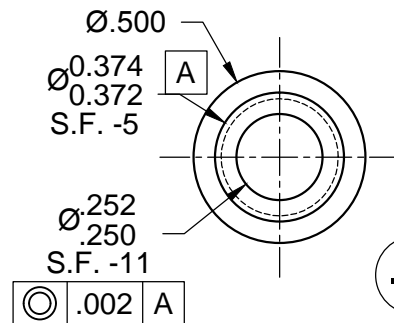


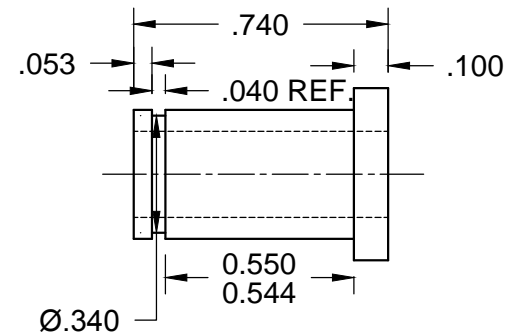
[illegible]

 RED BARN MACHINE	
TITLE PORT. R. ANGLE BEARING CUTTER; STUD	
DWG NO. TOOL#(see chart)-11	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC BLACK OXIDE
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON BEARING SEE CHART
SCALE NTS	DATE 3-26-08
SHEET 5 of 5	



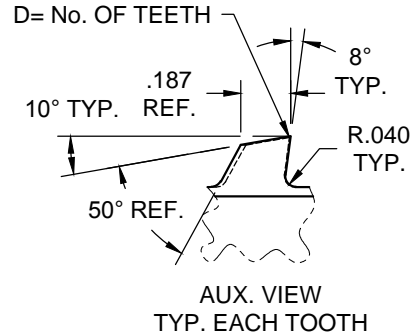
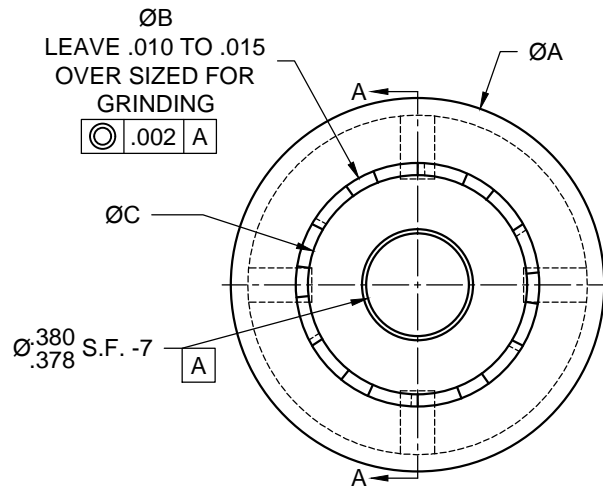
-7

GUIDE

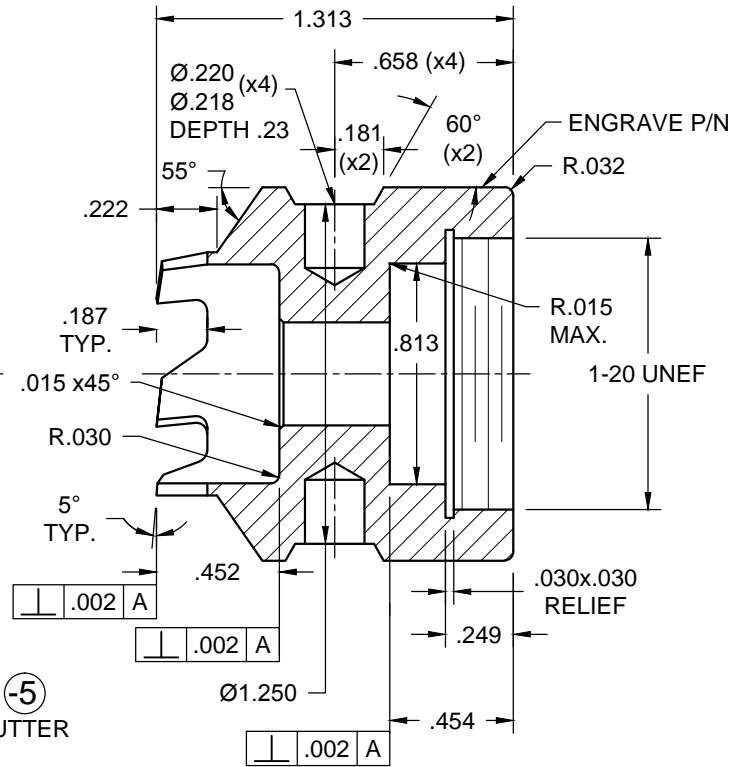


BEARING # BACB10	TOOL #		MATERIAL
FB04-AMT	KSCFB04P-R	-	BRONZE RND. BAR Ø1/2 x 7/8

RED BARN MACHINE			
TITLE PORT. R. ANGLE BEARING CUTTER; GUIDE			
DWG NO. TOOL#(see chart)-7			REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC USED ON BEARING	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		SCALE NTS DATE 3-26-08 SHEET 4 of 5	



⑤
CUTTER

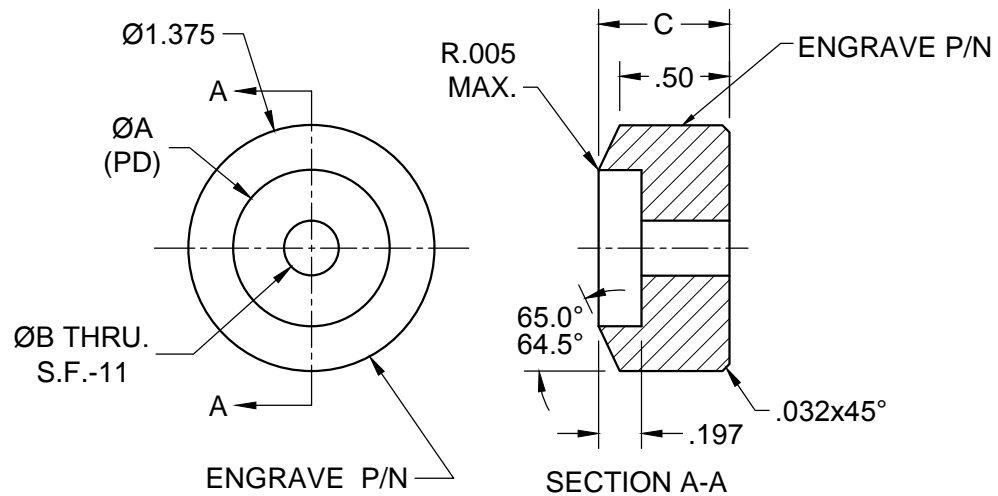


SECTION A-A


BEARING # BACB10	TOOL #	ØA +0.00 -0.010	ØB +0.00 -0.002	ØC +0.00 -0.005	D TOOTH AMT.	BRG. O.D.	MATERIAL
FB04-AMT	KSCFB04P-R	1.375	.677	.557	6	.6875	0-1 DRILL ROD Ø1-3/8 x 1-7/16

RED BARN MACHINE	
TITLE PORT. R. ANGLE BEARING CUTTER; CUTTER	
DWG NO. TOOL#(see chart)-5	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	
FRACTIONS ± 1/32 ANGLES ± 5°	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE NTS	DATE 3-26-08
SHEET 3 of 5	

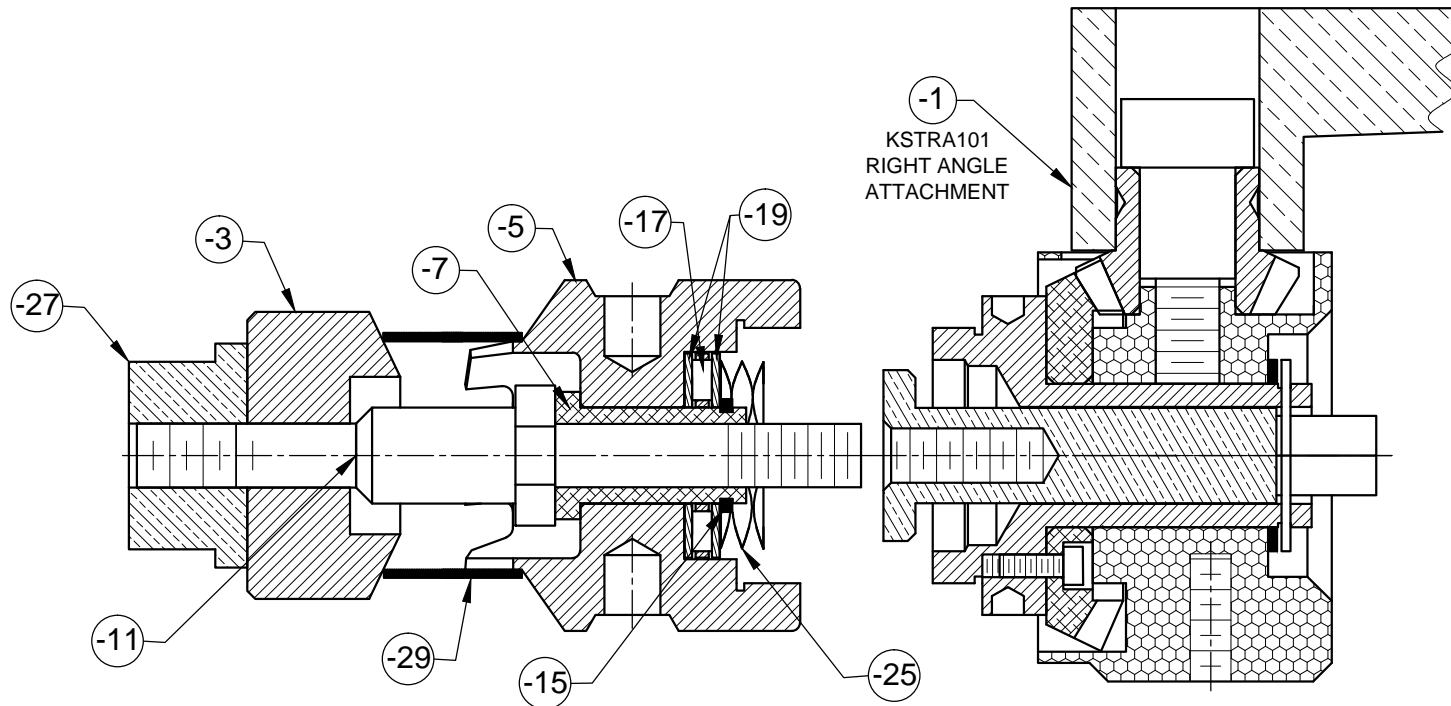
DRAWN BY: PERRITT	HEAT TREAT FINISH SPEC RC 55-60 BLACK OXIDE
APPROVED	USED ON BEARING
SEE CHART	



BEARING # BACB10	TOOL #	ØA +.002 -.000	ØB +.002 -.000	C +.005 -.005	MATERIAL
FB04-AMT	KSCFB04P-R	.617	.251	.681	4140 Q&T RND. BAR Ø1-3/8 x 7/8

 RED BARN MACHINE	
TITLE PORT. R. ANGLE BEARING CUTTER; SEAT	
DWG NO. TOOL#(see chart)-3	REV 1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC BLACK OXIDE USED ON BEARING SEE CHART
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 3-26-08 SHEET 2 of 5

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	WIDENED -5 CUTTER TEETH FROM .045 TO .060.	4/28/06	WP	DW



BEARINGS & TOOLS COVERED		
BEARING #	TOOL #	
BACB10	FB04-AMT	KSCFB04P-R
BACB10		
BACB10		
BACB10		
BACB10		
BACB10		

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MAT.	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	RIGHT ANGLE ATTACHMENT		SEE TOOL # KSTRA101	1
			-3	1	SEAT		SEE CHART	2
			-5	1	CUTTER		SEE CHART	3
			-7	1	GUIDE		SEE CHART	4
			-9		DELETED			
			-11	1	STUD		SEE CHART	5
		B/O	-15	1	EXTERNAL SPIRAL RETAINING RING		Ø3/8 SHAFT MCMaster-CARR PN: 91665A340	1
		B/O	-17	1	THRUST BEARING		Ø3/8 ID. x 13/16 OD. x 5/64 APPLIED PN: NTA-613	1
		B/O	-19	2	THRUST WASHERS		Ø3/8 ID. x 13/16 OD. x 1/32 APPLIED PN: TRA-613	1
		B/O	-23	1	SPANNER WRENCH		MCMaster-CARR PN: 5475A12	N/S
		B/O	-25	1	CREST TO CREST SPRING		APPLIED IND, (SMALLEY CO. PN: CS075-H1)	1
		B/O	-27	1	SWIVEL HEX FLANGE NUT	BLACK	SEE CHART	5
		B/O	-29	1	TOOTH GUARD (FOR SHIPPING ONLY)	TUBE VINYL	SEE -5 ØB PAGE 4 FOR INSIDE DIA. OF TUBE x 5/8 LENGTH	1
ASSY #								

RED BARN MACHINE	
TITLE	
PORT. R. ANGLE BEARING CUTTERS	
DWG NO.	SEE CHART ABOVE FOR TOOL No. 1
REV	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON:	
DECIMALS	FRACTIONS ± 1/32
.XXX ± .005	ANGLES ± 5°
.XX ± .01	
.X ± .1	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE	NTS
DATE	3-26-08
SHEET	1 of 5

NOT APPROVED FOR PRODUCTION



RED BARN MACHINE

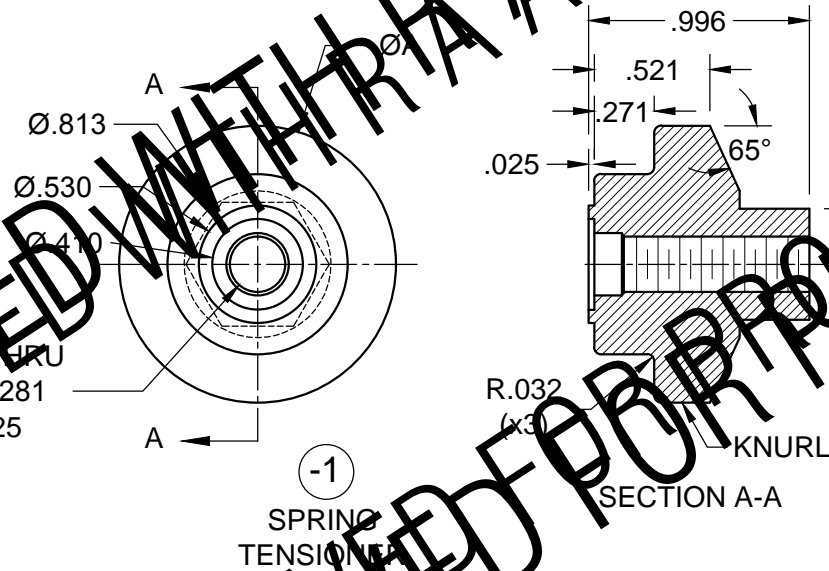
NOT APPROVED FOR PRODUCTION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PART #	QTY	DESCRIPTION
-1	1	--

DRAWN BY: PERRITT	<div>RB</div> RED BARN MACHINE		
CHECKED	TITLE		
HEAT TREAT FINISH SPEC	TITLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	FRACTIONS ± 1/32 ANGLES ± .5°		REV.
USED ON MODEL ?	DWG NO. PART #		
	SCALE NTS	DATE 1-28-06	SHEET 1 of 1
	UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		

NOT USED WITH RA ATTACH
NOT APPROVED FOR PRODUCTION



BEARING # BACB10	TOOL #	ØA +.000 -.010	MATERIAL
FB04-AMT	KSCFB04P	1.375	1018 RND. BAR Ø.875 x 1-1/8

RED BARN MACHINE	
TITLE PORT. BEARING CUTTER; SPRING TENSIONER	
DWG NO. TOOL#(see chart)-1	REV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC BLACK OXIDE USED ON BEARING SEE CHART
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE NTS DATE 3-26-08 SHEET 2 of 6